

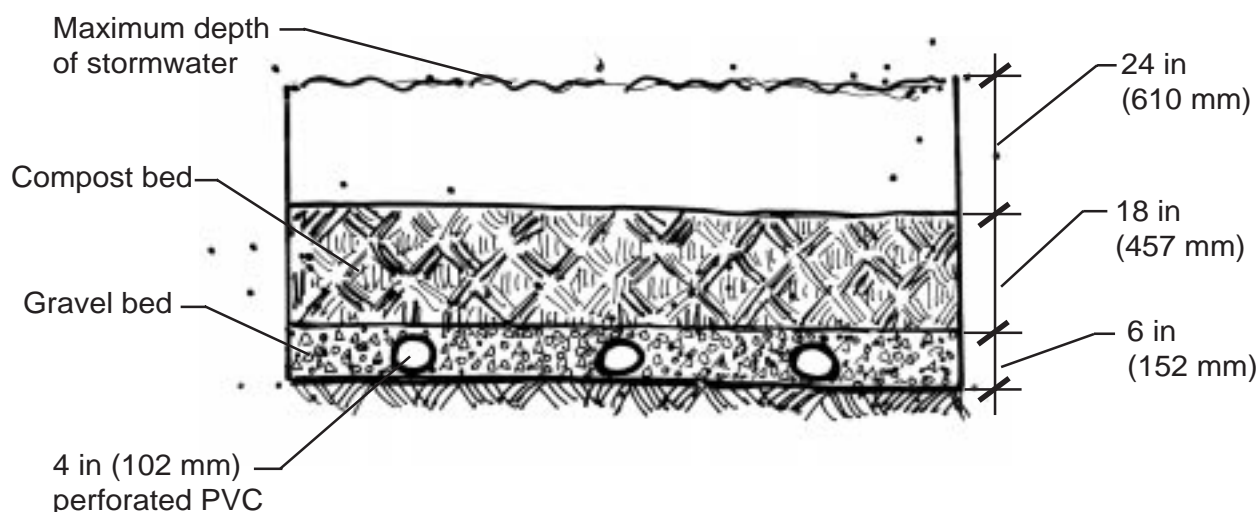
PRIMARY USE: To offer increased pollutant removal for areas five acres (two hectares) or less.
ADDITIONAL USES:

COMPOST FILTER SYSTEM

What is it? The compost filter system is a fabricated leaf compost filtration bed with a sand and gravel/pipe underlayment.

Purpose

This simple structure, although not as effective as a well designed peat-sand filter, may offer increased efficiencies of pollutant removal compared with sand filters alone. This is particularly true with regard to removal of nutrients.



**Compost Filter System
Section View**

Limitations

Yard compost material is not a suitable medium for this structure.

Materials

Leaf compost, gravel, and 4 in (102 mm) perforated PVC.

Installation

High quality leaf compost material is maintained through weekly turning to ensure adequate size reduction, aeration, and rapid maturation.

Source: Design for Stormwater Filtering Systems, Center for Watershed Protection.